

Sheet 5

New Sheet

Table 1 Classification Tree SQL Table

Child	Parent	Commodity Code	Description	Branch/Leaf
Capacitor <u>16</u>	Root <u>15</u>	C <u>20</u>	All capacitors	branch
Resistor <u>18</u>	Root <u>15</u>	R <u>24</u>	All resistors	branch
Ceramic <u>17</u>	Capacitor <u>16</u>	Cc <u>21</u>	Ceramic caps	branch
Chip <u>19</u>	Ceramic <u>17</u>	CcC <u>23</u>	SMT caps	leaf

Table 2. Parameter SQL Table

Parameter ID	Link	Commodity Code	Parameter	Length	Character
1	START	CcC <u>23</u>	Body Size <u>25</u>	4	CcC <u>23</u>
2	1	CcC <u>23</u>	Standard code <u>26</u>	1	
3	2	CcC <u>23</u>	Capacitance <u>27</u>	3	
4	3	CcC <u>23</u>	Tolerance <u>28</u>	1	
5	4	CcC <u>23</u>	Voltage <u>29</u>	1	
6	5	CcC <u>23</u>	Temperature <u>30</u>	1	
7	6	CcC <u>23</u>	Failure rate <u>31</u>	1	
8	null	CcC <u>23</u>	End Metal <u>32</u>	1	

Table 4 Item Catalog

Item ID	Supplier	Supplier P/N	Descriptor	Commodity Code
1	Kemet	C0805C103K5RAC	CcC0805C103K5RAC	CcC <u>23</u>
2	AllCaps	AC0805K103AWQ	CcC0805C103K5RAC	CcC <u>23</u>
3	Caps.com	CC534GRW0805X	CcC0805C103K5RAC	CcC <u>23</u>

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Table 5 Supplier P/N Alias Table

Supplier	Item ID	Supplier P/N Alias
Kemet	1	C0805C103K5RAC
Kemet	1	C0805C103K5RACTU
AllCaps	2	AC0805K103AWQ
AllCaps	2	AC0805K103AWQT
Caps.com	3	CC534GRW0805X

Table 6 Supplier Suffix Table

Supplier	Package	Carrier	Count	Suffix
Kemet	0805	7" Plastic Tape	4000	TU
Kemet	0805	Bulk	10000	9028
Kemet	0805	13" Plastic Tape	10000	7210
Kemet	0805	7" Paper Tape	4000	7867